

Chief Ron Camacho  
Chambersburg (PA) Police Department

## How Small Towns Can Use Technology To Enhance Crime Fighting Tactics

# Chambersburg Borough

- 6.9 Square Miles
- Population 22,000 (Grows to about 35,000 during working hours)
- Bordered on the East by Highway I-81 (One of the Busiest Highways in the United States)
- U.S. Highways 30 (Lincoln Highway) and 11 Run Through the Middle of Chambersburg
- Ten Council Members
- Borough Manager in Charge of all Departments except PD
- Police Chief Reports to Mayor
- Borough Owns Utilities (Gas, Electric, Water)



# Downtown Chambersburg

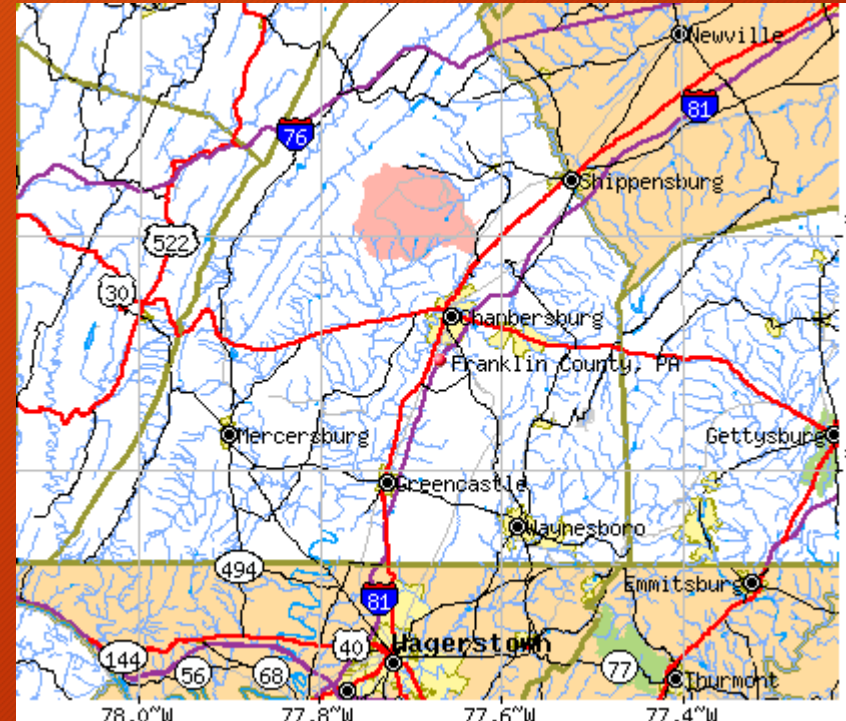
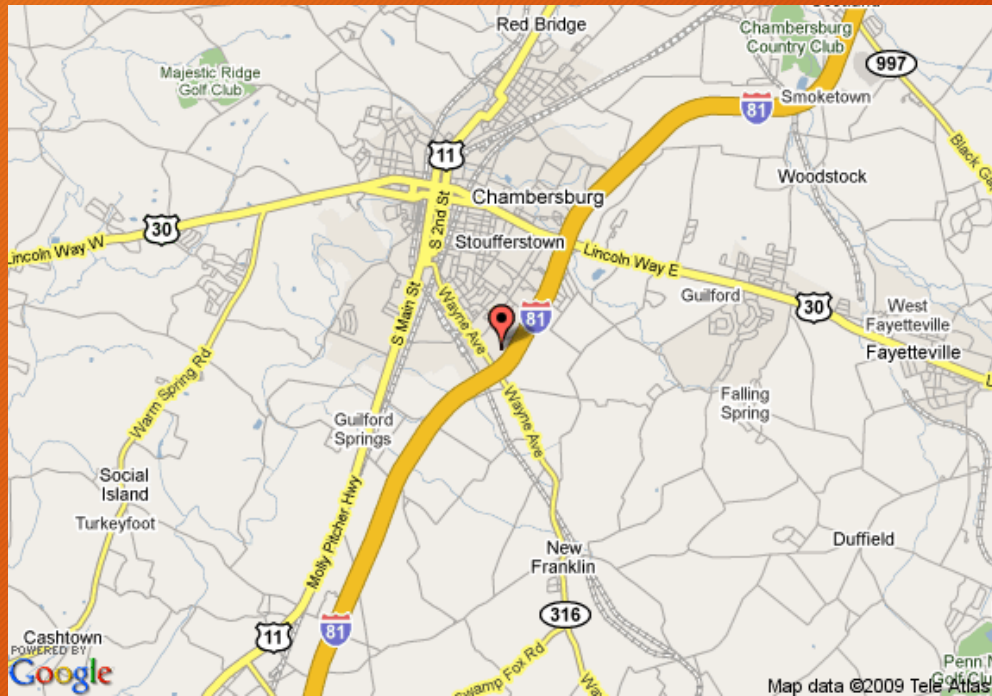
Square



Capital Theater



# Geographical Location





# Chambersburg Police Department

- 34 Full Time (1 part time)
- Chief, Lieutenant, 5 Sergeants (4 Patrol, 1 Detective), 4 Corporals
- Two K9's Teams
- Two Motorcycles
- Accident Reconstruction Team
- Crime Scene Techs
- The Department Enjoys Robust Support from the Community



# Origins

- Chambersburg Borough Manager Jeffrey Stonehill Read an Article on How Cameras Were Used to Enhance Safety at the Democratic and Republican National Conventions.
- He Also Read a Different Article About License Plate Readers (LPR)
- The Borough Manager Believed that the Combination of Downtown Cameras and LPR's would enhance the Safety of the Borough
- In Early 2016, the Old Downtown Cameras were Replaced and Expanded. The LPR's were purchased and installed.



# Chief Camacho's Integrated Philosophy

- 1) Technology must be operable and used (CAMERAS & LPR'S)
- 2) Images and information must be shared (CRIMEWATCH)
- 3) Solicit the public's help as much as possible (CRIMEWATCH)
- 4) No crime is too small (OFFICERS BUY IN-PUBLIC SERVICE)
- 5) Integrate platforms (OFFICERS & SUPERVISORS)

# The Israeli Rule

- Technology should not replace manpower but be used as a force multiplier
- Technology should enhance good, old fashion police work



# Downtown Camera System

- 35 Axis Cameras in 2019
- Initial Cost \$90,000
- Mixture of Fixed and PTZ (Pan, Tilt, Zoom)
- *Planning is Crucial Before Installation*
- Camera Placement (Obstructions, Ability to Repair, Vandalism, Trees in Winter vs Summer, Flags)

# Pan Tilt Zoom (PTZ) vs Fixed Cameras

- PTZ- Can Cover a Larger Area and Have Scanning Ability, Used to Zoom to get Detailed Footage, More Expensive Than Fixed Cameras
- Fixed- Used for General Overview of an Area, Less Expensive
- For the Best Outcome a Combination of Both Types of Cameras Should be Used



# Downtown Cameras

Sample Usages

# Fight Caught on Camera (Arrests Made)





# Hit and Run Striking Vehicle Located and Info Exchanged





# Theft of a Jacket, Suspect Followed on Cameras Until he was Lost





# PTZ Video



# License Plate Readers (Recognition)

- Vigilant Solutions (There are several other companies)
- \$200,000 Total
- 1 Fixed Location (The Busiest Intersection in Chambersburg)
- \$60,000 with Seven Cameras
- 4 Mobile Units
- \$15,000 Each Unit with Three Cameras
- 100,000 to 120,000 Detections Per Week



# What is an LPR?

- LPR's are becoming a significant component of municipal predictive policing strategies and intelligence gathering.
- They are used for the recovery of stolen vehicles, identification of wanted felons, and monitoring for "Amber Alerts".
- Identified license plates may be matched against databases including "wanted person", "protection order", missing person, gang member, known and suspected terrorist, supervised release, immigration violator, and National Sex Offender lists.
- TRANSPARENCY IS A MUST TO GET COMMUNITY BUY IN!!!!!!

# LPR's and Screen Shot



**VIGILANT SOLUTIONS** Stolen Plate

**Exact Match Alert**

Detected Plate: **ZBE6532**

Hot List Record: **ZBE6532**

Date: 02-14-17  
Time: 02:47 PM EST

System Name: Lincoln\_W\_2  
Scanned By: Fixed Cameras  
Camera Name: ReaperSD  
Hot Plate: ZBE6532  
Alert Type: Stolen Plate  
State ID: NY  
Nearest Address: 1099 Lincoln Hwy Chambersburg

Map Close Delete



# In Car Cameras

- Digital Ally
- Installed in All Patrol Vehicles and One Detective Unit
- Approximately \$4,000 per Vehicle
- Wireless Download of Data Every Time a Vehicle Enters PHQ Parking Lot
- Need Good Policies and Procedures on its Use

# E-Tickets

- TraCS
- Officers Scan Drivers License
- Populates Data on Citations
- Data is Automatically Uploaded to Our Records Management System
- \$1,000 Per Unit
- Computer, Scanner, Printer (One Unit)
- Saves an Incredible Amount of Time



# CRIMEWATCH TECHNOLOGIES

- \$5,100 Per Year
- Effective Community Engagement in a Digital World is Very Difficult for Police Departments
- No Standardized Public Engagement Platform for Police Departments
- The Public Demands Relevant and Timely Crime Information
- Content Entered Into CRIMEWATCH is Sent Out to Public Via Facebook and Twitter. Twitter is Picked Up by News Outlets
- The Public can Anonymously Submit Tips
- Phone App Available
- <http://www.crimewatchtech.com/>
- Matt Bloom- Founder/CEO [mbloom@crimewatchus.com](mailto:mbloom@crimewatchus.com)

# CRIMEWATCH Screenshots

https://franklin.crimewatchpa.com/chambersburg/21193/arrests/mellott-dalton-j-possession-controlled-substance

Chambersburg Police Dept. 20... Chambersburg Police Departm... Mellott, Dalton J - Possessio... X

File Edit View Favorites Tools Help

Coating Console Boards... Suggested Sites Web Slice Gallery

HOME / CRIMEWATCH US / CRIMEWATCH PA / FRANKLIN COUNTY / CHAMBERSBURG POLICE DEPARTMENT / MELLOTT, DALTON J - POSSESSION OF A CONTROLLED SUBSTANCE

arsenberry@chambersburgpa.gov ACCOUNT CREATE CONTENT DASHBOARD GROUPS NOTIFICATIONS SUBMIT A TIP

MELLOTT, DALTON J - POSSESSION OF A CONTROLLED SUBSTANCE

FEBRUARY 26, 2018

ARREST DETAILS

Arrest Disposition Location

On 02/15/18 at approximately 1900 hrs, Dalton Mellott was located inside an apartment at 359 N Second St during a home check by Franklin Co Adult Probation. Mellott had an active warrant through Adult Probation and was subsequently taken into custody. Upon a search incident to arrest, Mellott was found to have in his possession several pills classified as controlled substances.

Arrest Date:  
Thursday, February 15, 2018


Case Number:  
2018-01742




Charges:  
Possession of a Controlled Substance

Source:  
Chambersburg Police Department

OFFENDER DETAILS

Media General Description





https://franklin.crimewatchpa.com/chambersburg/21193/cases/burglary-28

Chambersburg Police Dept. 20... Chambersburg Police Departm... Burglary | Chambersburg P... X Inbox (74) - arsenberry@cha... L

File Edit View Favorites Tools Help

Coating Console Boards... Suggested Sites Web Slice Gallery

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arsenberry@chambersburgpa.gov ACCOUNT CREATE CONTENT DASHBOARD GROUPS NOTIFICATIONS SUBMIT A TIP

BURGLARY

FEBRUARY 20, 2018

Case Location


Some time between 12/25/17 and 02/14/18, someone entered a fenced-in property in the 300 block of South Second Street. The actor then gained access to a shed taking an air compressor. The air compressor was black in color and had wheels similar to the one pictured. Anyone with information regarding this burglary, contact CPD or submit a tip reference Incr 2018-01684.

Date:  
Wednesday, February 14, 2018

Reference ID:  
2018-01684




Case Type:  
Criminal

Source:  
Chambersburg Police Department



Pause

SUBMIT A TIP






# Business & Resident Surveillance Camera Registry

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[LOG IN](#)[SIGN UP FOR ALERTS!](#)[SUBMIT A TIP](#)




**CHAMBERSBURG POLICE DEPARTMENT**  
Chief Ron Camacho  
116 S. Second St.  
Chambersburg, PA 17201  
717-261-1111  
[www.chambersburgpolice.com](http://www.chambersburgpolice.com)

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ACTIVITY WITH OUR  
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## BUSINESS & RESIDENT CAMERA REGISTRY





In an effort to collaborate better with the community, the Chambersburg Police Department is asking all residents and business with cameras ...

[READ MORE](#)

**CPD Officers Attend Diversity and Implicit Bias Training**  
On 3/11/2019, over half of the Chambersb...


**BUSINESS & RESIDENT CAMERA REGISTRY**  
In an effort to collaborate better with the c...

**CRIMEWATCH Mobile App Available**  
Download the CRIMEWATCH mobile applic...

**Sign up for Free Notifications!**  
If your local police department is a subscri...

## NEWS FEED

[MOST RECENT](#) [ARRESTS](#) [WARRANTS](#) [INCIDENTS](#) [CASES](#) [NEWS](#)


**MARCH 18, 2019**

### RETAIL THEFT

On March 17, 2019, between 2:30 and 3:30 PM, someone stole over \$700 worth of electronic merchandise from Target, located at 913 Norland Ave. The items stolen include games for PlayStation 4, Xbox One, and Nintendo 3DS. The suspect concealed the items in a black backpack that was also stolen before...

Source:  
Chambersburg Police Department  
Case Status:  
Current

[SUBMIT A TIP](#)[READ MORE](#)

**MARCH 18, 2019**

### ACCIDENTS INVOLVING DAMAGE TO PROPERTY





Chambersburg Police Department is investigating an accident involving damage to property. The vehicle pictured struck a light post located at the corner of South Main Street and West Washington Street. The vehicle caused damage to the light post and the driver did not stop to report the accident...





Source:  
Chambersburg Police Department  
Case Status:  
Current





[SUBMIT A TIP](#)[READ MORE](#)

## ACTIVITY


[MOST WANTED](#) [RECENT ARRESTS](#)


  
NO PRIORS  
NO PRIORS  
NO PRIORS  
NO PRIORS


  
RAULORE  
RAULORE  
RAULORE  
RAULORE





## BROADCASTS

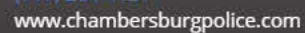
**ACCIDENT**  
[Chambersburg Police Department](#)  
03-13-2019 @ 2:35 PM

**ACTIVE BUILDING FIRE**  
[Chambersburg Police Department](#)  
01-30-2019 @ 14:17 PM

**AUTO ACCIDENT (UPDATE)**  
[Chambersburg Police Department](#)  
01-16-2019 @ 21:54 PM

**AUTO ACCIDENT (UPDATE)**  
[Chambersburg Police Department](#)  
12-24-2018 @ 14:26 PM

**TERRORISTIC THREATS**  
[Chambersburg Police Department](#)  
12-13-2018 @ 19:25 PM



**VIEW AND SEARCH  
ACTIVITY WITH OUR  
INTERACTIVE MAP**

SEARCH



**SUBSCRIBE**



The Chambersburg Police Department would like to announce the 2019 Citizen's Police Academy. Applications are being accepted fr...

## CPD COMPLIMENT FORM

[READ MORE](#)

In an effort to collaborate better with the c...



Incidents

Inform Browser - 5.734.38.0 : 5.7

Chambersburg Police Department

screen shot - Google Search

https://franklin.crimewatchpa.com/chambersburgpd/21193/webforms/chambersburg-police-department-camera-registry-form

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jsgrignoli@chambersburgpa.gov

ACCOUNT + CREATE CONTENT DASHBOARD GROUPS NOTIFICATIONS SUBMIT A TIP!

Help

### Reporting Person

First Name \*

Last Name \*

E-mail Address \*

jsgrignoli@chambersburgpa.gov

Phone Number \*

Address

Street Address \*

Apartment / Suite Number

City \*

State \*

- Select -

Incident - jsgrignoli@chambersburgpa.gov x Inform Browser: 5/734.38.0: 5/7... x Chambersburg Police Departmen... x screen shot - Google Search x

https://franklin.crimewatchpa.com/chambersburgpd/21193/webforms/chambersburg-police-department-camera-registry-form

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jsgrignoli@chambersburgpa.gov ACCOUNT CREATE CONTENT DASHBOARD GROUPS NOTIFICATIONS SUBMIT A TIP! Help

Zip Code \*

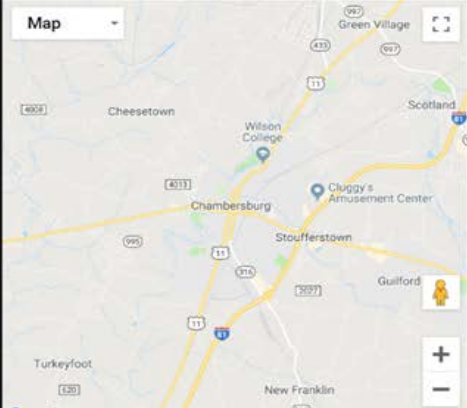
Camera Location

Address: Copy Address from Above | Use GPS Marker Address

GPS Marker: Use Camera Location Address | Use My Current Location

Company

Map



Chambersburg, PA area map showing streets, highways, and landmarks like Wilson College and Cluggy's Amusement Center.

Incident - jsgrignoli@chambersburgpa.gov x Inform Browser: 5/734.38.0: 5/7... x Chambersburg Police Departmen... x screen shot - Google Search x

https://franklin.crimewatchpa.com/chambersburgpd/21193/webforms/chambersburg-police-department-camera-registry-form

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jsgrignoli@chambersburgpa.gov ACCOUNT CREATE CONTENT DASHBOARD GROUPS NOTIFICATIONS SUBMIT A TIP! Help

Hint, click the map to add or drag a GPS Marker. Zoom in for a better view.

Street Address

Apartment / Suite Number

City

State

- None -

Zip Code

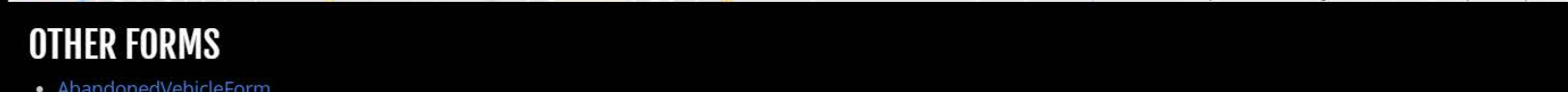
Camera Details

Number of Cameras \*

1

Make / Model





- AbandonedVehicleForm

# Integration

- Images from Downtown and In Car Cameras are Shared Daily on CRIMEWATCH Platform. Many Tips are Received From CRIMEWATCH.
- When a Major Crime Occurs Downtown a Detective or Officer is Assigned to Monitor the Cameras in Real Time. Information is Passed on to Responding Officers and Detectives
- If a Suspects Car is Identified, the License Plate is Entered Into the LPR System. Now, Multiple Cameras and Many Jurisdictions Will be Alerted if a Camera Takes Photo of the License Plate.



# Results (2018 Stats)

- Part I Offenses
  - CPD = 54% Clearance Rate
  - Franklin County Average = 37.8% Clearance Rate
  - State Average = 32.2% Clearance Rate
  - National Average= 38.7%
- Part II Offenses
  - CPD = 76.9% Clearance Rate
  - Franklin County Average = 73 % Clearance Rate
  - State Average = 59.2 % Clearance Rate
  - National Average= 30.5%

# Results Continued

- Reported Crime in Chambersburg is down in the Borough by 4.56% overall since 2017.
- Specifically Part I offenses are down by 7.72%
- Part II offenses are down by 2.61%
- Crime Watch- Citizens Submit Information to the Department Via Our Facebook Page.
- Most of Those Submissions are Anonymous but Greatly Contribute to Our Ability to Solve Crimes
- 204 Tips Generated in 2018



# Successes in 2018

## LPR's

- Have Assisted Officers in Over 120 Investigations Which Included:
- -Multiple DUI's
- A Stolen Vehicle Which Contained a Large Amount of Drugs.
- Wanted Persons
- National Bank Fraud Case (ATM Skimming)

## Downtown Cameras

- Have Assisted Officers in Countless Incidents Which Resulted in Several Felony Arrests Including:
- A Bank Robbery
- A Burglary
- A Robbery Involving a Gun

# Successes in 2019

- Within a two week period March 30<sup>th</sup> to April 10<sup>th</sup>, 4 major crimes were committed, 3 in the downtown corridor and one in a park.
- 3/30-Shooting (Two victims)
- 4/4- Robbery (Park cameras)
- 4/9- Retaliatory shooting (Vehicles and property hit)
- 4/10- Felony theft (\$10,000 Necklace)
- All of the above cases were solved within 24 hours, and all suspects were arrested within 72 hours.



# Message from the Community

- Info from 2019 Community Survey:
- 98% of the respondents stated the department needed to stay up to date with their technology platforms
- 70% believe the Borough is a safe or very safe community
- 75% believe their own neighborhood are safe or very safe
- 86% of the respondents had pleasant and professional interactions with the Chambersburg Police Department
- 62% believe that the department prevents crime well or very well

# Future Trends

- Body Cam Integration
- Drones
- Facial Recognition
- Full Time Monitoring of Cameras
- Fusion Centers
- Portable LPR



# Funding Solutions

- Foundations- Example Lancaster Safety Coalition (Lancaster, PA)
- Donations
- Partnerships- DA's & Police, Police & Schools, Hospitals, and Business, Police & Police
- Grants- Local, State, Federal
- Samantha L. Dorm-Grant Consultant
- [Dormden@gmail.com](mailto:Dormden@gmail.com)

# Questions

- Ron Camacho, Chief of Police Chambersburg Pennsylvania
- [rcamacho1505@gmail.com](mailto:rcamacho1505@gmail.com)
- 717 577-8852
- Instructor/Consultant
- Tactical Operations, Active Shooter Mitigation, Situational Awareness, Leadership, and Supervision.